

Serial Number: 09/80893

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

**ENTERED**

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_.

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003  
TIME: 14:15:29

Input Set : A:\ptoms.txt  
Output Set: N:\CRF4\05192003\I870089B.raw

3 <110> APPLICANT: Charles A. Nicolette  
5 <120> TITLE OF INVENTION: THERAPEUTIC COMPOUNDS FOR OVARIAN CANCER  
8 <130> FILE REFERENCE: 68126881209900  
10 <140> CURRENT APPLICATION NUMBER: 09/870,089B  
11 <141> CURRENT FILING DATE: 2001-05-30  
13 <160> NUMBER OF SEQ ID NOS: 14  
15 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 2015  
19 <212> TYPE: DNA  
20 <213> ORGANISM: Homo sapiens  
22 <400> SEQUENCE: 1  
23 gttttctact ttgccccccc acagatgttag ttttctctgc gcgtgtgcgt tttccctcct 60  
24 ccccccgcct cagggtccac ggccaccatcg gcgtatttagg ggcagcagtg cctgcggcag 120  
25 cattggccctt tgcacgccgcg gcagcagcac caggctctgc agcggcaacc cccagcggct 180  
26 taagccatgg cgtgagtagcc gggggcgggtc gtccagctgt gtcctctgggg ccggcgcggg 240  
27 ttttggatttgcgtt gtcgggtgcg gcctggggcc agggcggtgc cgccaagggg gaaagcgattt 300  
28 aacgagcgcc cgggacgcgt ggtcttgcg tgggtgtccc cgagacgcgc gcgtgcctgg 360  
29 gatcggaaa gctgtatcggtt gtcggccggac tgctttccca ggagccctac agccctcgga 420  
30 ccccgagccc cgcaagggtcc cagggggtctt ggctttgcc ccacgaaacg tgcaaggaacc 480  
31 aagatggcgg cggcaggccg gcccggcggg cgtgagtcgaa gggcggggcgg tggggcggggc 540  
32 gcccggctg gccgtatttgcgtt gacgtggggca cggagcgcgtt tccttttggc ggccgggttga 600  
33 agaatccctt ggtctccgtg agcgtccatt ttgtgtaaacc tgagttgcggc gcagggaggg 660  
34 gcaaatacaa ctggccctgtt cccgattctc tagatggccg atctagagaa gtcccgccctc 720  
35 ataagtggaa ggtatggaaatt ctcagaacag ctaacctcta atgggagttg gtttctgtt 780  
36 ctcatttcagg cttctcacgg cattcagcag cagcgttgcgt gtaaccgaca aagacacccctt 840  
37 cgaattaaacg acattccctcg attccagcaaa agcaccgcaaa catgaccgaa atgagcttcc 900  
38 tgacagcga ggtgttgggt ggggacttgcgtt tgccctt ccacccgtcg gtttgggggg 960  
39 ctgaagaaaag cctaggcttc tttagatgtt acctggaggt gccaagcaca ttcaaacctc 1020  
40 atgggttctc cagcgtacaag gctaaggcgg gtcctccga atggctggct gtggatgggt 1080  
41 tggtcagttcc ctccaacaac agcaaggagg atgccttctc cgggacagat tggatgttgg 1140  
42 agaaaaatggaa tttgaaggag ttgcacttgcgtt atgccttgcgtt gggatagat gacctggaaa 1200  
43 ccatgccaga tgaccttcgtt accacgttgcgtt atgacacttgcgtt gatctctt gccccccctag 1260  
44 tccaggagac taataaagcag cccccccaga cggtaacacc aattggccat ctcccaaaaa 1320  
45 gtttaacaaa acccgaccatcg gttggcccttc acacccctt acaacccctt ccccttccc 1380  
46 cagggttcct gtcctccact ccagatcattt ccttagttt agagctggc agtgaagtgg 1440  
47 atatcactga aggagatagg aagccagact acactgcgtt cgttgcctt acacccctcgt 1500  
48 gcataaaagga ggaagacacc ctttcagata atgatagttgcgtt catctgtatg agccagagtt 1560  
49 cctatctggg gtcctccatcg cacagcccttc acacccctt acaacccctt ccccttccc 1620  
50 catctccagg tggctctgtt ggttctggcc gtcctccatcg acacccctt acaacccctt ccccttccc 1680  
51 agatggtagc agcaaaaagta aagggtgaga aactggataa gaagctgaaa aaaatggagc 1740  
52 aaaacaagac agcagccact agtaccgc gagaagagag ggcggagcag gaggcttta 1800  
53 ctggtagtgc caaaagagctg gaaaagaaga acqaggcttcaaaaaccccttcc 1860

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003

TIME: 14:15:29

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05192003\I870089B.raw

54 tggccaagga gatccagtac ctgaaagatt tgatagaaga ggtccgcaag gcaaggggg 1920  
 55 agaaaagggt cccctagttg aggatagtca ggagcgtcaa tgtgcttcta catagagtgc 1980  
 56 tgtagctgtg tggccaata aattatttt taggg 2015  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 351  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Homo sapiens  
 63 <400> SEQUENCE: 2  
 64 Met Thr Glu Met Ser Phe Leu Ser Ser Glu Val Leu Val Gly Asp Leu  
 65 1 5 10 15  
 66 Met Ser Pro Phe Asp Pro Ser Gly Leu Gly Ala Glu Glu Ser Leu Gly  
 67 20 25 30  
 68 Leu Leu Asp Asp Tyr Leu Glu Val Ala Lys His Phe Lys Pro His Gly  
 69 35 40 45  
 70 Phe Ser Ser Asp Lys Ala Lys Ala Gly Ser Ser Glu Trp Leu Ala Val  
 71 50 55 60  
 72 Asp Gly Leu Val Ser Pro Ser Asn Asn Ser Lys Glu Asp Ala Phe Ser  
 73 65 70 75 80  
 74 Gly Thr Asp Trp Met Leu Glu Lys Met Asp Leu Lys Glu Phe Asp Leu  
 75 85 90 95  
 76 Asp Ala Leu Leu Gly Ile Asp Asp Leu Glu Thr Met Pro Asp Asp Leu  
 77 100 105 110  
 78 Leu Thr Thr Leu Asp Asp Thr Cys Asp Leu Phe Ala Pro Leu Val Gln  
 79 115 120 125  
 80 Glu Thr Asn Lys Gln Pro Pro Gln Thr Val Asn Pro Ile Gly His Leu  
 81 130 135 140  
 82 Pro Glu Ser Leu Thr Lys Pro Asp Gln Val Ala Pro Phe Thr Phe Leu  
 83 145 150 155 160  
 84 Gln Pro Leu Pro Leu Ser Pro Gly Val Leu Ser Ser Thr Pro Asp His  
 85 165 170 175  
 86 Ser Phe Ser Leu Glu Leu Gly Ser Glu Val Asp Ile Thr Glu Gly Asp  
 87 180 185 190  
 88 Arg Lys Pro Asp Tyr Thr Ala Tyr Val Ala Met Ile Pro Gln Cys Ile  
 89 195 200 205  
 90 Lys Glu Glu Asp Thr Pro Ser Asp Asn Asp Ser Gly Ile Cys Met Ser  
 91 210 215 220  
 92 Pro Glu Ser Tyr Leu Gly Ser Pro Gln His Ser Pro Ser Thr Arg Gly  
 93 225 230 235 240  
 94 Ser Pro Asn Arg Ser Leu Pro Ser Pro Gly Val Leu Cys Gly Ser Ala  
 95 245 250 255  
 96 Arg Pro Lys Pro Tyr Asp Pro Pro Gly Glu Lys Met Val Ala Ala Lys  
 97 260 265 270  
 98 Val Lys Gly Glu Lys Leu Asp Lys Lys Leu Lys Lys Met Glu Gln Asn  
 99 275 280 285  
 100 Lys Thr Ala Ala Thr Arg Tyr Arg Gln Lys Lys Arg Ala Glu Gln Glu  
 101 290 295 300  
 102 Ala Leu Thr Gly Glu Cys Lys Glu Leu Glu Lys Lys Asn Glu Ala Leu  
 103 305 310 315 320  
 104 Lys Glu Arg Ala Asp Ser Leu Ala Lys Glu Ile Gln Tyr Leu Lys Asp

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003  
TIME: 14:15:29

Input Set : A:\ptoms.txt  
Output Set: N:\CRF4\05192003\I870089B.raw

105 325 330 335  
106 Leu Ile Glu Glu Val Arg Lys Ala Arg Gly Lys Lys Arg Val Pro  
107 340 345 350  
109 <210> SEQ ID NO: 3  
110 <211> LENGTH: 9  
111 <212> TYPE: PRT  
112 <213> ORGANISM: Artificial Sequence  
114 <220> FEATURE:  
115 <223> OTHER INFORMATION: ATF4/CREB-2  
117 <400> SEQUENCE: 3  
118 Phe Leu Tyr Lys Trp His Gly Phe Val  
119 1 5  
121 <210> SEQ ID NO: 4  
122 <211> LENGTH: 27  
123 <212> TYPE: DNA  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 129 <221> NAME/KEY: misc\_feature  
130 <222> LOCATION: (6)...(6)  
131 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 133 <221> misc\_feature  
134 <222> LOCATION: (21)...(21)  
135 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 137 <221> misc\_feature  
138 <222> LOCATION: (27)...(27)  
139 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 141 <400> 4  
W--> 142 tyytntaya artggcaygg nttygtn 27  
144 <210> SEQ ID NO: 5  
145 <211> LENGTH: 9  
146 <212> TYPE: PRT  
147 <213> ORGANISM: Artificial Sequence  
149 <220> FEATURE:  
150 <223> OTHER INFORMATION: ATF4/CREB-2  
152 <400> SEQUENCE: 5  
153 Phe Leu His Lys Val His Phe Tyr Val  
154 1 5  
156 <210> SEQ ID NO: 6  
157 <211> LENGTH: 27  
158 <212> TYPE: DNA  
159 <213> ORGANISM: Artificial Sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 164 <221> NAME/KEY: misc\_feature  
165 <222> LOCATION: (6)...(6)  
166 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 168 <221> misc\_feature  
169 <222> LOCATION: (15)...(15)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003  
TIME: 14:15:29

Input Set : A:\ptoms.txt  
Output Set: N:\CRF4\05192003\I870089B.raw

170 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 172 <221> misc\_feature  
173 <222> LOCATION: (27)...(27)  
174 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 176 <400> 6  
W--> 177 ttyytncaya argtncaytt ytaygtn 27  
179 <210> SEQ ID NO: 7  
180 <211> LENGTH: 9  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: ATF4/CREB-2  
187 <400> SEQUENCE: 7  
188 Phe Leu His Lys Trp His Trp Val Val  
189 1 5  
191 <210> SEQ ID NO: 8  
192 <211> LENGTH: 27  
193 <212> TYPE: DNA  
194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 199 <221> NAME/KEY: misc\_feature  
200 <222> LOCATION: (6)...(6)  
201 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 203 <221> misc\_feature  
204 <222> LOCATION: (24)...(24)  
205 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 207 <221> misc\_feature  
208 <222> LOCATION: (27)...(27)  
209 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 211 <400> 8  
W--> 212 ttyytncaya artggcaytg ggtngtn 27  
214 <210> SEQ ID NO: 9  
215 <211> LENGTH: 9  
216 <212> TYPE: PRT  
217 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: ATF4/CREB-2  
222 <400> SEQUENCE: 9  
223 Phe Leu His Lys Trp His Trp Tyr Val  
224 1 5  
226 <210> SEQ ID NO: 10  
227 <211> LENGTH: 27  
228 <212> TYPE: DNA  
229 <213> ORGANISM: Artificial Sequence  
231 <220> FEATURE:  
232 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 234 <221> NAME/KEY: misc\_feature  
235 <222> LOCATION: (6)...(6)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003  
TIME: 14:15:29

Input Set : A:\ptoms.txt  
Output Set: N:\CRF4\05192003\I870089B.raw

236 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 238 <221> misc\_feature  
239 <222> LOCATION: (27)...(27)  
240 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 242 <400> 10  
W--> 243 tyytncaya artggcaytg gtagtgn 27  
245 <210> SEQ ID NO: 11  
246 <211> LENGTH: 9  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Artificial Sequence  
250 <220> FEATURE:  
251 <223> OTHER INFORMATION: ATF4/CREB-2  
253 <400> SEQUENCE: 11  
254 Phe Leu His Lys Val His Tyr Leu Val  
255 1 5  
257 <210> SEQ ID NO: 12  
258 <211> LENGTH: 27  
259 <212> TYPE: DNA  
260 <213> ORGANISM: Artificial Sequence  
262 <220> FEATURE:  
263 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 265 <221> NAME/KEY: misc\_feature  
266 <222> LOCATION: (6)...(6)  
267 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 269 <221> misc\_feature  
270 <222> LOCATION: (15)...(15)  
271 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 273 <221> misc\_feature  
274 <222> LOCATION: (22)...(22)  
275 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 277 <221> misc\_feature  
278 <222> LOCATION: (24)...(24)  
279 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 281 <221> misc\_feature  
282 <222> LOCATION: (27)...(27)  
283 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 285 <400> 12  
W--> 286 tyytncaya argtncayta yntngtn 27  
288 <210> SEQ ID NO: 13  
289 <211> LENGTH: 9  
290 <212> TYPE: PRT  
291 <213> ORGANISM: Homo sapiens  
293 <220> FEATURE:  
294 <223> OTHER INFORMATION: ATF4/CREB-2  
296 <400> SEQUENCE: 13  
297 Lys His Phe Lys Pro His Gly Phe Ser  
298 1 5  
301 <210> SEQ ID NO: 14  
302 <211> LENGTH: 27

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003  
TIME: 14:15:30

Input Set : A:\ptoms.txt  
Output Set: N:\CRF4\05192003\I870089B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 6,21,27  
Seq#:6; N Pos. 6,15,27  
Seq#:8; N Pos. 6,24,27  
Seq#:10; N Pos. 6,27  
Seq#:12; N Pos. 6,15,22,24,27  
Seq#:14; N Pos. 15,21,27

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/870,089B

DATE: 05/19/2003

TIME: 14:15:30

Input Set : A:\ptoms.txt

Output Set: N:\CRF4\05192003\I870089B.raw

L:129 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:133 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:164 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:168 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:199 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:203 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:207 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:211 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:234 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:242 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:265 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:269 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:273 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:277 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:281 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:309 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:313 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:317 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:321 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0

Does Not Comply  
Corrected Diskette Needed



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/870,089B

DATE: 05/07/2003

TIME: 11:01:17

Input Set : A:\2099.00 Seq..txt  
Output Set: N:\CRF4\05072003\I870089B.raw

3 <110> APPLICANT: Charles A. Nicolette  
5 <120> TITLE OF INVENTION: THERAPEUTIC COMPOUNDS FOR OVARIAN CANCER  
8 <130> FILE REFERENCE: 68126881209900  
10 <140> CURRENT APPLICATION NUMBER: 09/870,089B  
11 <141> CURRENT FILING DATE: 2001-05-30  
13 <160> NUMBER OF SEQ ID NOS: 14  
15 <170> SOFTWARE: FastSEQ for Windows Version 3.0

## ERRORED SEQUENCES

301 <210> SEQ ID NO: 14  
302 <211> LENGTH: 27  
303 <212> TYPE: DNA  
304 <213> ORGANISM: Artificial Sequence  
306 <220> FEATURE:  
307 <223> OTHER INFORMATION: ATF4/CREB-2  
W--> 309 <221> NAME/KEY: misc\_feature  
310 <222> LOCATION: (15)...(15)  
311 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 313 <221> misc\_feature  
314 <222> LOCATION: (21)...(21)  
315 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 317 <221> misc\_feature  
318 <222> LOCATION: (27)...(27)  
319 <223> OTHER INFORMATION: n is A, C, G or T  
W--> 321 <400> 14  
W--> 322 aarcaytta arccncaygg nttywsn  
E--> 325 1

27

remove extra material at end of file

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/870,089B

DATE: 05/07/2003

TIME: 11:01:18

Input Set : A:\2099.00 Seq..txt

Output Set: N:\CRF4\05072003\I870089B.raw

L:129 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:133 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:164 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:168 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:199 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:203 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:207 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:211 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:234 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:242 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:265 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:269 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:273 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:277 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:281 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:309 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:313 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:317 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:321 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:325 M:254 E: No. of Bases conflict, this line has no nucleotides.